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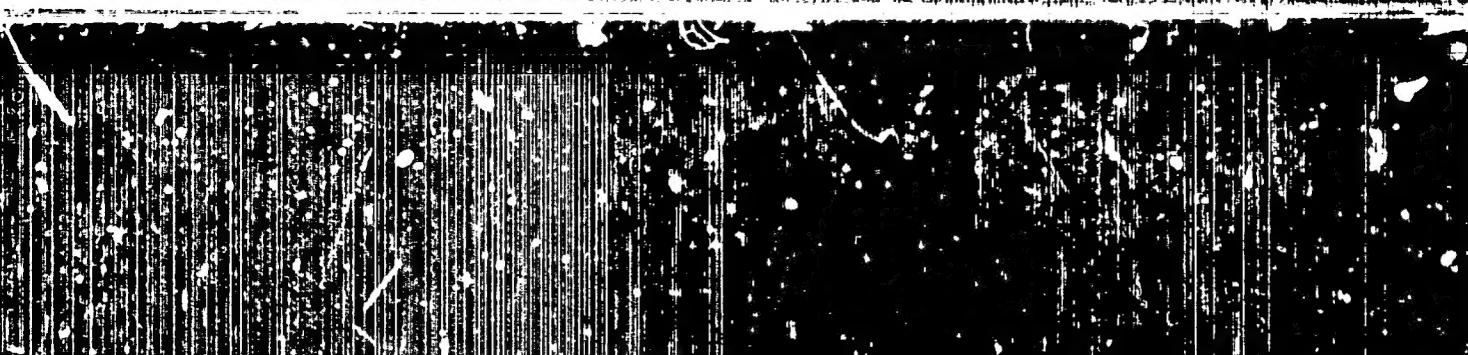
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HÓDOS, Tibor

SURNAME, Given Names

Country: Hungary

Academic Degrees: not given

Affiliation: State Workhygiene Institute, Department of Occupational Neuroses and Workpsychology (Országos Munkaügyi Intézet Foglalkozási Idegbetegségek és Munkaléktani Osztálya
Chief: (Vezető) István BÁLINT, Dr

Source: Budapest, Magyar Pszichológiai Szemle, Vol 18, No 3, 1961, pp 340-343
Data: "Testing Equipment for Serial Tests at the Place of Employment."

670 981643

HODOS, Tibor

"Voprosy psichologii," no.1, 1963. Reviewed by Tibor Hodos.
Magy pszichol szemle 21 no.2:311-314 '64.

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CIA-RDP86-00513R000618110001-3

HODOS, Tibor

"Voprosy psichologii," no.2, 1963. Reviewed by Tibor Hodos.
Magy psichol. szemle 21 no.3:495-498 '64.

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CIA-RDP86-00513R000618110001-3"

HODOS, Tibor

"Thought and speech", edited by F.N. Shemyakin. Reviewed by
Tibor Hodos. Magy pszichol szemle 18 no.3:371-374 '61.

HODOS, Tibor; NAGY, Laszlo

"Voprosy Psichologii", nos.5,6,1957, and nos.1,2,1958; a periodical
review by Tibor Hodos and Laszlo Nagy. Magy psichol szemle 18
no.3:396-405 '61.

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CIA-RDP86-00513R000618110001-3

BALINT, Istvan, dr.; HODOS, Tibor

International Conference on Labor Hygiene, Budapest, May 4-6, 1961.
Magy pszichol szemle 18 no.4:443-445 '61.

APPROVED FOR RELEASE: 09/21/2001

CIA-RDP86-00513R000618110001-3"

SALAMON, Jeno, dr.; S.MOLNAR, Edit; GARAI, Laszlo; SAGI, Antalne; SALAMON, Jenone; ADAM, Peter; HODOS, Tibor; BODOR, Jeno

"Psychology in the Soviet Union." Vol.2. Reviewed by Jeno Salamon and others. Magy pszichol szemle 18 no.4:446-468 '61.

HODOS, Tibor

"Voprosy psikhologii", no.3,4,5,6,1958; a periodical review by Tibor
Hodos. Magy pszichol szemle 18 no.4:478-491 '61.

BALINT, Istvan, dr.; VARGA, Berta, dr.; HODOS, Tibor

Neuropsychiatric examination of confectionery workers employed on assembly lines. Ideg.szemle 15 no.2:39-45 F '62.

1. Az Orszagos Munkaegeszsegugyi Intezet kozlemanye.

(PSYCHOLOGY INDUSTRIAL) (MENTAL DISORDERS)

HODOS, Tibor

"Instruction of workers for using new work methods and the ways of individual approach" by E.A. Kliarov. Reviewed by Tibor Hodos. Magy pszichol szemle 19 no.1:99-101 '62.

RODOS, Tibor

"Voprosy psichologii", no.1-4, 1959; a periodical review by
Tibor Rodos. Magy pszichol szemle 19 no.1:102-116 '62.

HODOS, Tibor

"Psychological space formation and color dynamics" by Heinrich Freiling.
Reviewed by Tibor Hodos. Magy pszichol szemle 19 no.2:244-245 '62.

HODOS, Tibor

"Voprosy psichologii," nos.5,6,1959, and nos.1,2,1960; a periodical review by Tibor Hodos and Mrs. Lidia Nadudvari nee Prokofjeva. Magy psichol szemle 19 no.2:252-263 '62.

1. Nadudvarine Prokofjeva, Lidia.

BALINT, Istvan, dr.; HODOS, Tibor

Application of color dynamics in factories. Magy pszichol
szemle 19 no.3:359-363 '62.

i. Orszagos Munkaegeszsegugyi Intezet.

HODOS, Tibor

"Problems relating to the development of psyche" by A.N.
Leont'ev. Reviewed by Tibor Hodos. Magy pszichol szemle
19 no.3:375-376 '62.

HODOS, Tibor

"Voprosy psichologii", vol.3-4, 1960; reviewed by Tibor Hodos.
Magy pszichol szemle 19 no.3:387-393 '62.

HODOS, Tibor

"Voprosy psichologii", no.5,6, 1960, and, no.1,2, 1961; a periodical review by Tibor Hodos. Magy pszichol. szemle 19 no.4:504-516 '62.

BALINT, Istvan, dr.; HODOS, Tibor

Studies on nervous system exhaustion of factory workers
employed in assembly lines. Ideggyogy. szemle 16 no.8:252-256
Ag '63.

1. Orszagos Munkaegeszsegugyi Intezet kozlemonye.
(INDUSTRIAL MEDICINE) (TIME PERCEPTION)
(NEUROLOGY) (PSYCHOLOGY, INDUSTRIAL)

HODOS, Tibor

"Time perception" by D.G. El'skin. Reviewed by Tibor Hodos.
Magy pszichol szemle 20 no.1:151-154 '63.

HODOS, Tibor

"Voprosy psichologii," no.3/4, 1961; a periodical review by
Tibor Hodos. Magy pszichol szemle 20 no.1:165-170 '63.

HODOS, Tibor

"Voprosy psikhologii", no. 6, 1962. Reviewed by Tibor Hodos.
Magy pszichol szemle 21 no. 1: 138-141 '64.

BALINT, Istvan, dr.; HODOS, Tibor; MURANYI, Mihaly

Analysis of the complex factors playing a role in the origin
of industrial accidents. Munkavedelem 10 no.7/9:33-41 '64.

1. National Institute of Labor Hygiene, Budapest.

L 32098-66

ACC NR: AP6020669

SOURCE CODE: HU/0032/66/000/001/0005/0014

AUTHOR: Balint, Istvan (Doctor); Hodos, Tibor (Doctor)15
16ORG: National Institute of Labor Hygiene (Orgzagos Munkaegeszsegugyi Intezet)TITLE: Factors influencing the changes in the neurosis morbidity of female spinners

17

SOURCE: Ideggyogyaszati szemle, no. 1, 1966, 5-14

TOPIC TAGS: psychoneurotic disorder, industrial medicine

ABSTRACT: Statistical methods were used to study neurosis morbidity in textile factories, especially among spinners. Over several years, the spinneries were in the second or third place with respect to the morbidity data. In one spinning with a high neurosis morbidity, the importance of the environmental factors was analyzed. The most important component was found to be physical stress: static working conditions, high temperatures, high relative humidity, insufficient illumination, noise. A dominant psychic factor was the need for continuous attention and its constant distraction in different directions. The absence of rest periods was also found to be unfavorable. The distribution of attention and the development of tremor in the hands was studied in a group of neurotic workers and a control group. In the middle of the work day, the neurotic workers showed greater fatigue than the controls. Toward the end of the day, there was no significant difference between the two groups. This led to the conclusion that the stress is too great in general. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 010

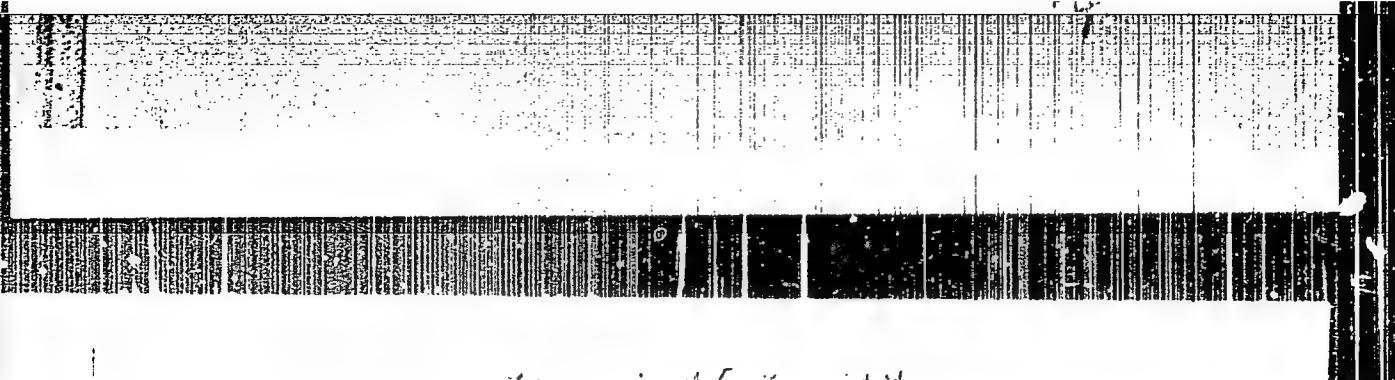
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TANAGSOL + A. HODA, SEN.

again with glacial AcOH. The solids were combined, dissolved in boiling AcOH, and cooled for 10 hrs. This gave XIII (10.0 g. yellow powder), m. 103-105°. A mixt. of 2 g. XIII, 200 cc. IV, 10 g. Zn powder, and 4 g. CuCl₂ was boiled 8 hrs. and filtered. The resulting sol. was boiled with 65 cc. IV and the filtrates combined. Recryst. from *anhydrous* (CuCl₂) m. 220-230°. [CuCl]₂ 1.4. HCl was prep'd. by dissolving XIII in CuCl₂ and then adding HCl. To 1.4 g. XIII HCl (suspended in 2 N HCl) was added 1 cc. conc. HCl and 10-12 g. ice. Cooling to 0° and adding 0.3 g. NaNO₃ in 2 cc. H₂O gave a yellow clear soln. to which was added with stirring 50 cc. IV and 0.5 g. Cu powder. After 24 hr. in the mixt. was filtered and dried and the ppt. washed with 4 cc. H₂O.

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stance). This dissolved unreacted **XIV** and a colored, pale yellow, product which is believed to be polymeric. The residue, after filtration with much glacial AcOH was *dimethylacetone* (**XVI**), m. 210-11°. **XVI** dissolved in CHCl_3 (from methyl alch **IV**). A faint, yellow **XVI**, 50 mg., 0.1 g. Zn powder, and 0.3 g. CaCl_2 was boiled 9 hrs. and the yellow ppt. filtered off, washed with H_2O , and dried in vacuum . Run with **XIV** left unreacted **XVI** and addition of **XIV** to the filtrate followed by evaporation to a small volume gave the same product. **XVI** was further cleaned by dissolving in CHCl_3 , **XVI** filtered off, washed with H_2O , and dried. Recrystallized from CHCl_3 and Et_2O , m. 210-11°. **XVI**, the acetone ppt. Filtration and washing with much H_2O gave 40 mg. *dimethylacetone*, m. 210-11°, identified as **IV** (from **IV**). *Dimethylacetone*, m. 232-1°, identified at 230-31° was first from CHCl_3 - Et_2O and the

the same way as **XVI** and reduced like **XVI** to $\text{C}_6\text{H}_5\text{CH}_2\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_3$ (XVII), m. 247° (b.p. 111°). **XVII** was not analyzed.

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RUMANIA / Organic Chemistry. Natural Products and
Their Synthetic Analogs.

G-3

Abs Jour: Ref Zhur-Khimiya, No 2, 1956, 4834.

Author : Tanasescu, I., Ramontian, E., Ganea, I., and
Hodosan, F.

Inst : Not given.

Title : The Action of a Nitrating Mixture on Cholic Acid.

Orig Pub: Rev Chim (Romania), 2, No 2, 157-169 (1957) (in
German)

Abstract: The action of a nitrating mixture on cholic acid (I) gives a mixture of the 3,12-dinitrate (II) of 3,12-dihydroxy-7-ketocholanic acid (III acid) and of the nitrate (IV) of 3'-hydroxy-7,12-diketo-cholanic acid (V acid). The careful treatment (20 min, -10°) of 10 gms of I with a mixture of 125 ml H₂SO₄ (d 1.84) and 180 ml HNO₃ (d 1.48) gives a

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RUMANIA / Organic Chemistry. Natural Products and
Their Synthetic Analogs.

G-3

Abs Jour: Ref Zhur-Khimiya, No 2, 1959, 4834.

Abstract: product which is dissolved in 65 ml boiling
glacial CH_3COOH . On cooling II precipitates,
yield 3 gms, mp 218° (decomp; from CH_3OH); the
methyl ester (VII) has an mp of 155° (from CH_3OH or
from ethyl acetate; the ethyl ester has an mp of
120° (from CH_3OH). The mother solution of II on
treatment with water gives a precipitate of IV,
yield 1-1.5 gm, mp 228-230° (from aqueous CH_3OH);
the methyl ester (VII) has an mp of 168-169°
(from CH_3OH); the ethyl ester has an mp of 156°
(from alc); oxime derivative of VI mp 178-179°
(from CH_3OH); phenylhydrazone derivative of VI mp
183° (from CH_3OH); dioxime derivative of VII, mp

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RUMANIA / Organic Chemistry. Natural Products and
Their Synthetic Analogs.

G-3

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 4834.

Abstract: 238-240° (from acetone). The treatment of II with zinc dust in glacial CH₃COOH gives III, mp 192-193° (from CH₃COOH-benzene); semihydrate mp 174° (from aqueous alcohol), methyl ester derivative (VIII) mp 152° (from benzene or from benzine), diacetate of VIII mp 119-120° (from aqueous CH₃OH), dioxime of VIII mp 175° (from benzene-benzine), semicarbazone derivative ^(sic) decomposes at 221-223° (from acetone-benzine). The semicarbazone of III, which decomposes at 256-257° (from aqueous CH₃OH), on heating (170°, 8 hrs) with NaOC₂H₅ and NH₂NH₂·H₂O in abs alcohol gives desoxycholic acid, mp 173-174°

Card 3/5

RUMANIA / Organic Chemistry. Natural Products and G-3
Their Synthetic Analogs.

Abs Jour: Ref Zhur-Khimiya, No 2, 1959, 4834.

Abstract. (from alc) which on oxidation by the Wieland method (H. Wieland and H. Sorge, Z physiol Chem, 97, 1 (1916)) gives 3, 12-diketocholanic acid, mp 185-187°. The reaction (24 hrs, 20°) of VIII with $\text{ClCOOC}_2\text{H}_5$ in pyridine forms the methyl ester of 3 β -carbethoxy-12 α -hydroxy-7-ketocholanic acid, mp 183° (from aqueous CH_3OH) which on oxidation with CrO_3 in CH_3COOH is converted to the methyl ester of 3 β -carbethoxy-7, 12-diketocholanic acid, mp 125° (from benzine). The treatment of IV with zinc dust in glacial CH_3COOH gives V, mp 190-191° (from aqueous acetone); the methyl ester (IX) melts at 155-156° (from CH_3OH).

Card 4/5

2

Country	: RUMANIA	G
Category	: Organic Chemistry. Synthetic Organic Chemistry	
Obs. Jour	: Ref Zhar ~ Khim., No 5, 1959, No. 15281	
Author	: Hodosan, F.	
Institut.	: Rumanian AS, Cluj Affiliate	
Title	: Oxidation of Certain Organic Derivatives of Sulfur by Means of 2-Bromo-2-Nitro-propane-1,3-diol	
Orig. Pub.	: Studii si cercetari chim. Acad. RPR, Fil. Cluj, 1957, 8, No 3-4, 335-338	
Abstract	: 2-bromo-2-nitro-propanediol (I) was decomposed in an alkaline medium with the formation of $[\text{CH}_2\text{OHC} = (\text{NO}_2)\text{CH}_2\text{OH}]^-$ and Br^+ ions, which are active oxidizers of the SH group in the group -S-S-. In view of the stability and availability of I (Wilkendorf, R., Frénel, M., Ber., 1923, 56, 611), it can be recommended as an oxidizer of mercaptans and compounds capable of reacting in this form, for example thio-amides. By the oxidation of thiobenzanilide	
Card:	1/3	

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Country	:	G
Category	:	
Abs. Jour	:	Ref Zhur - Khim., No 5, 1959, No. 15281
Author	:	
Institut.	:	
Title	:	
Orig Pub.	:	
Abstract cont'd.	:	(II), N- α -naphthyl thiobenzamide (III) and thiobenzo-p-toluidide (IV), these substances were obtained: $C_6H_5C(=NR)SSC(=NR)\cdot C_6H_5$ [R= C_6H_5 (V), α - $C_{10}H_7$ (VI), n- $CH_3H_6H_4$ (VII)]. 1.2 g. of NaOH in 8 ml. of water were added to a suspension of 5 g. of II in 30 ml. of alcohol, cooled, then 10 ml. of an alcoholic solution of 2.5 g. of I were gradually added, and in 30 minutes 80-85% of V was obtained, with m.p. 105-106° (from alcohol). Analogously,
Card:	2/3	
Card:	3/3	

Country : RUMANIA
Category: Organic Chemistry. Natural Compounds and Their
Synthetic Analogues.

G

Abs Jour: RZhKhim., No 17, 1959, No. 61011

Author : Tanasescu, I.; Hodosan, F.; Balogh, A.
Inst : -
Title : Steroides. XI. Problems in the Separation of
Stigmasterin from Soyabean Oil.
Orig Pub: Studii si cercetari chim. Acad. RPR Fil. Cluj,
1958, No 1-4, 167-170

Abstract: An attempt of increasing the yield of stigmasterin (I) from a steroid's mixture, contained in soyabean oil, by means of substituting the acetyl-derivative into nitrates, did not materialize. However, the nitrate method was found to

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Synthetic Analogues

Abs Jour: RZhKhim., No 17, 1959, No. 61011

be cheaper, when a free I is required rather than its acetate, insofar as in such a case, the separation process is confined only to one stage. To a suspension of 2 gr cholesterol in 20 ml. $(CH_3CO)_2O$ at -5° are added drop by drop in the course of 1 hour solution of 5 ml HNO_3 ($d = 1.52$) in 10 ml $(CH_3CO)_2O$ followed by pouring on ice. The obtained 1.3 gr of cholesterol nitrate has melting point of $115-116^\circ$ (from glacial CH_3COOH). Under analogical conditions at -15° , from 4 gr phytosterin (a mixture of I and sitosterin), 3 gr of phytosterin nitrate, having 127° melting point (from chloroform-alcohol), $[\alpha]^{27}_D$ of -33° (with

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Country : RUMANIA

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Category: Organic Chemistry. Natural Compounds and Their
Synthetic Analogues

Abs Jour: RZhKhim., No 17, 1959, No. 61011

2.4708; chloroform), are derived. 1 gr II in 8 ml of anhydrous ether is brominated at 0° in the course of 30 minutes with 12.5 ml of 5% Br in glacial CH_3COOH . The mixture is well mixed every 2 hours, obtaining after 12 hours 0.1 gr of 5, 6, 22, 23-tetrahydrostigmasterole nitrate (III), having 202-206° melting point (from chloroform-alcohol and glacial CH_3COOH), D_{27}^{27} of -38° (with 0.4280; chloroform). To 0.16 gr III in 20 ml glacial CH_3COOH are added in 30 minutes 0.16 gr of Zn powder, heating the mixture for 2 hours (125-126° on a bath). The obtained solution is then diluted with water, and after crystalli-

Card : 3/4

Country	: RUMANIA	G
Category	: Organic Chemistry. Natural Substances and Their Synthetic Analogs	
Abs. Jour	: Ref Zhur - Khim., No 5, 1959, No. 15509	
Author	: Tanasescu, I.; <u>Hodosan</u> , F.; Jude, I.	
Institut.	: Rumanian Academy	
Title	: Steroids. IX. New Method of Synthesis of 12 α - Oxycholanic Acid from Cholic Acid	
Orig Pub.	: Comun Acad. RPR, 1958, 8, No 1, 41-45	
Abstract	: A new method was developed for the synthesis of 12 α -oxycholanic acid (I). A solution of 17 g. of methyl ether of 12 α -oxy-3 α , 7 α -diacetoxy- cholanic (II) acid in 170 ml. of CHCl_3 (tempe- rature not over 0°) is added in the course of one hour to a mixture of 170 ml. of $(\text{CH}_3\text{CO})_2\text{O}$ and 45 ml. of HNO_3 (d 1.52), mixed for one hour; 2 l. of water and ice are poured off into the mixture, and the nitrate of II (IIa) is ob- tained, with yield of 63%, m.p. 132-133° (from	
Card:	1/5	

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Country	:	G
Category	:	
Abs. Jour	:	Ref Zhar - Klin., No 5, 1959, No. 15509
Author	:	
Institut.	:	
Title	:	
Orig. Pub.	:	
Abstract	:	(at about 20°) it is poured off into 2 l. of water, and a nitrate of 12a-oxy-3,7-diketocholanic acid (IV) is obtained, with yield of 85%. 15 g. of IV are boiled for five hours with 400 ml. of CH ₃ OH and 7 ml. of concentrated H ₂ SO ₄ , filtered, poured off into 2 l. of water, saturated with NaCl, and methyl ether of IV (V) is obtained, with yield of 78%, m.p. 136-137° (from CH ₃ OH), [α] ²⁶ D +42.2 (dioxane); dioxime, m.p. 212-213° (decomposition; from
cont'd.		
Card:	3/5	

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Country :
Category :
Abs. Jour : Ref Zhur - Khim., No 5, 1959, No. 15509

Author :
Institut. :
Title :

Orig. Pub. :

Abstract cont'd. : CH_3OH). 10 g. of powdered Zn (temperature not over 20°) are gradually added to 4 g. of V in 100 ml. of chilled CH_3COOH , and mixed for 20 minutes; the filtrate is poured off into 1 liter of water; while left standing, methyl ether of 12 α -oxy-3,7-diketocholanic acid (VI) is obtained, with yield of 89%, m.p. 192-194°, $[\alpha]^{26}_D -14.9^\circ$ (dioxane). 25.5 g.* of Na and 650 ml. of alcohol) are heated for eight hours at 170-180° (autoclave), diluted with 3 l. of * of VI, 77 g. of hydrazine hydrate and $\text{C}_2\text{H}_5\text{ONa}$ (26.5 g.

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Category :

Abs. Jour : Ref Zhur - Khim., No 5, 1959, No. 15509

Author :
Institut. :
Title :

Orig Pub. :

Abstract cont'd. : water, evaporated to 1/3 of the volume, diluted with 3 l. of water and 250 ml. of concentrated HCl, and I is obtained, with yield of 95% (unpurified); methyl ether, m.p. 120-121°, $[\alpha]^{26}_D +40.6^\circ$ (dioxane). Report VIII, see Ref Zhur-Khim, 1957, 74537.-- L. Yanovskaya

Card: 5/5

HODOSAN, F.; BALOGH, A.; DINAGESCU, I.

About steriods. XI. Contributions to the separation of stigmasterol from soybean oil. p. 167.

Academia Republicii Populare Romine. Filiala Cluj. STUDII SI CERCETARI DE CHIMIE. Cluj, Rumania. Vol. 9, no. 1/4, Jan./Dec. 1958.

Monthly List of East European Accessions (EEAI) Vol. 8, no. 2, July 1959.

Uncl.

TANASESCU, I., acad. [deceased]; GANEA, I.; HODOSAN, F.; TERDLO, M.

Nitroester of the cholic-acid class. Rev chimie 4 no.2:189-197
'59.

(EEAI 9:7)

1. Comite de redaction, Revue de Chimie: Mitglied der Akademie der
Rumanischen Volksrepublik (for Tanasescu)
(Nitro group) (Esters) (Cholic acid)

HODOSAN, F.

On some problems concerning the preparation of steroid
hormones starting from hyodesoxycholic acid. Rev chimie
7 no. 1: 249-255 '62.

1. Chemical Institute of the Academy of the R.P.R.,
Cluj.

BODOR, Nicolae; FEY, Ludovic; KIR CZ, Magda; HODOSAN, Francisc

On the direct iodination of 20-oxopregnanes. Rev chimie Roum
9 no.2:147-153 F '64

1. Institute of Chemical and Pharmaceutical Research and Institute of Chemistry of the Rumanian Academy, Cluj.

HYDROX, Frédéric; et al., *Journal of Steroid Biochemistry*, 1986, 23, 105-111, Paris, France

A novel route to 3β -hydroxy- 4β -pregnen-17 α -one and 4β -hydroxy- 3β -pregnen-17 α -one derivatives. Key scheme (Ref. 11, p. 105) C. 162.

1. Importance of Chemistry of the steroid library, 1143, Apr. 1986, p. 65.

HOLOSAN, Francisc; POP-GOCAN, Alexandra

Steroids in adsorbed state. Pt. 1. Rev chimie Cluj 9
no.8/9:523-530 Ag-S '64.

1. Institute of Chemistry, Rumanian Academy, Cluj branch.

HODOSAN, Francisc; BALSCHI, Arpad; HAMSTROM, Eric

Steroids with modified side chains. Pt. 1. Rev chimă Roum 9 no.12:
857-863 D '64.

1. Institute of Chemistry of the Rumanian Academy, 65 Donath Street,
Cluj. Submitted August 10, 1964.

HODONIN, Mihai; TO. GOCAN, Stefan; MIHAI, Nicolae

Synthesis starting from hydroxyacetic acid. Rev chim Rom
10 no.1:97-101 Ja '65.

1. Institute of Chemistry of the Romanian Academy, Cluj, 59-
65 Donath Street.

H. M. Popescu; POPESCU, Alexandru

Study on steroids in adsorbed state. Pt. 1. Studii cu rechină 13
nr. 8/9: 559-566 Ac-S 164.

1. Institute of Chemistry of the Romanian Academy, 65 Donath Street,
Cluj.

HOLOCAR, Francine; GRIBBLE, Nicoline; JAHN, Loane; POPA, M., (Leontina);
Balogh, Arpad

a new way to obtain 3β -halo- Δ^5 -pregnene and $\Delta^{3,5}$ -
pregnadiene derivatives. Studii cerc chim 13 no.10-667-
673 0 '64.

1. Institute of Chemistry, Romanian Academy, Cluj, 65
Borhanci St.

HODOSAN, Francisc; BALOGH, Arpad; HAMBURG, Erica

Steroids with modified lateral catena. Pt.1. Studii cerc chim
13 no.12:901-907 D '64.

1. Institute of Chemistry of the Rumanian Academy, Cluj, 65
Donath Street.

HODOSAN, F.; POP-GOCAN, Alexandra; SERBAN, N.

Syntheses starting from hyodeoxycholic acid. Studii cerc chim
14 no.1:95-99 Ja '65.

1. Rumanian Academy, Institute of Chemistry, Cluj, 65 Str. Donath.
Submitted June 18, 1964.

KEMENY, Pal, dr.; HODOSI, Julia, dr.; SZANTÓ, Imre, dr.

Treatment of sustained convulsions in childhood with N₂O
anesthesia. (Preliminary report). Orv. hetil. 105 no.15:
681-683 12 Ap'64

1. XIII. Tanacs VB., Madarasz uti Gyógyesítő és Gyermekkórház.

*

BARTA, Lajos, dr.; HODOSI, Rezso, dr.

Problem of the diagnosis of Turner's syndrome. Gyermekgyogyaszat 12
no.8:234-237 Ag '61.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Gyermekklinikajának
(Igazgató: Gégesi Kiss Pal dr. akadémikus, egyetemi tanár) közlemenye.

(TURNER'S SYNDROME diag)

HODOSSY, L.

Distr: 4E2c(j)/4E3d

- 316 (K)

卷之三

The mechanism of cyclohexene dehydrogenation
by Dr. J. Hadar, Dr. P. Pechhold, Dr. G. Kofman, *Proceedings of the University of Chemical Industries, Uzice*, Vol. 2, 1938, No. 1, p. 21-31.

The kinetics of dehydrogenation on palladium catalyst were investigated and the results compared with those of the reaction catalyzed by platinum, examined previously.

Platinum was found to be more active whereas, according to the authors' theory, palladium should have been more active. This anomaly can be explained by the fact that the hydrogen atom stabilizing on the surface of the catalyst in the primary process is bound stronger on the palladium and therefore reacts more slowly, consequently this step greatly retards the overall reaction rate. This reaction can widen too in consequence, because this retarding step must also be included in the scheme.

95
11
1940

ROVATI, L.; MAGYAR, B.

Metal catalysis in technical practice. IV. Kinetics of the dehydrogenation of cyclohexane. (To Be contd.) p. 273.

: GYAR KEMIAI POLYGYRAT. (Magyar Kerékpárok Egyszerű) Budapest, Hungary
Vol. 65, no. 10, Oct. 1959.

Monthly List of East European Accession (MEA), LC, Vol. 9, no. 2, Feb. 1960

Uncl.

Hodossy, L. J.C.S.

Distr: 4E3d

✓ Mechanism of the dehydrogenation of cyclohexane
Mihály Magyar and Lajos Hodossy (Univ. Chem. Ind.
Veszprém, Hung.). *Veszprémi Tudományi Közlöny* 2, 22-33 (1958).—The kinetics was studied on
Pd and Pt catalysts, resp., in the app. described by Magyar
(*Analitikai Kézlemények* No. II, 27 (1955)). The curve
obtained at 340° was linear; this showed that the reaction
is of the 1st order at that temp. Only slight deviations
from a straight line occurred at higher temps.; this was
attributed to higher conversion rates caused by the in-
creased reaction velocities. At lower temps. the retarding
action of H₂ became evident. Contrary to theoretical
expectations, the reaction activity on a Pd catalyst was
lower than on a Pt catalyst. This was attributed to the
fact that the H atom, formed in the primary phase of the
reaction, is more firmly bound to the Pd surface than to
the Pt surface; hence, its retarding action is more evident.

G. J. Jiray

4
SW(3A)
TA(4B)

HODOSSY, LAJOS

86/6/1
LAJOS (CH)

Distre: 453d

✓ Industrial metallic catalysts. IV. Miklós Magyar and Lajos Hodossy. (Veszprém, Egyetem, Veszprém, Hung.; Magyar Akad. Polytézeti Osztály 63, 873-4 (1959); cf. C.A. 51, 19413, 20773).—The dehydrogenation of cyclohexane was studied with N being used as the gas carrier, in the range 230-400° at 2.0 and 17.3% Pd concn. in the catalyst. The activity of the catalyst decreased strongly during a 2-hr. run. The reaction was first order, and was inhibited by the adsorption of H on the Pd catalyst. This effect makes Pd a less effective catalyst than Pt. V. Miklós Magyar and Károly Németh. *Ibid.* 379-83.—The dehydrogenation of cyclohexane was catalyzed by Pd adsorbed on active charcoal in a fluidized bed. The reaction was studied at 230-330° with the catalyst contg. 20% Pd, and was followed by the change in π . The order of the reaction did not change with increase of temp., although it did slow down below 340°. The order was the same as was found with fixed bed catalysts, although in this case the reaction was slower. The first-order consts. were $k_{230} = 0.00753/\text{hr.}$ and $k_{330} = 0.302/\text{hr.}$

P. Hargag

MAGYAR, Miklos; HODOSSY, Lajos; NEMETH, Karoly

Metal catalysis in technological practice. Pts. 4-5. Magy
kem folyoir 65 no. 10: 373-383 0 '59.

1. Vegyipari Egyetem Fizikai-Kemiai Tanszeka, Veszprem.

HODOSSY, Lejoss

New method for measuring the heat of wetting. Veszprem vegyip
egy kozl 4 no.48 329-330 '60

1. Nagygyomasu Kiserleti Intezet, Petfurdo.

KAROLYI, Jozsef (Budapest XI, Gellert ter 3); HAIDEGGER, Erno (Budapest XI, Gellert ter 3); HODOSSY, Lajos (Budapest XI, Gellert ter 3)

Production of fatty alcohols by means of high-pressure catalytic hydrogenation. II. Acta chimica Hung 24 no.2:157-189 '60.

1. High Pressure Research Institute, Budapest.
(Alcohols) (Catalysts) (Hydrogenation) (Copper)
(Zinc) (Glycerides) (Paraffins) (Manganese oxides)

HAIDEGGER, Erno; HODOSSY, Lajos; KAROLYI, Jozsef; METZING, Jozsef

Realization of fatty alcohol manufacture in Hungary. Magy
kem lap 17 no.6:247-252 Je '62.

1. Nagynyomasu Kiserleti Intezet (for Haidegger and Karolyi).
2. Peti Nitrogenmuvek (for Hodossy and Metzing).

HOLOSSY, Lajos; PETER, Istvan; HAIDEGGER, Erno

Furfuryl alcohol: a new Hungarian chemical product.
Magy kem lap 19 no. 4:196-199 Ap '64.

1. Department of Chemical Processes, Veszprem University of the Chemical Industry (for Hodossy).
2. Ministry of the Heavy Industry (for Haidegger).

L 46856-66 EMP(j)/T WE/RM
ACC NR: AP6034699

SOURCE CODE: HU/0006/66/000/001/0196/0200

AUTHOR: Hodossy, Lajos

H0

B

ORG: Department of Chemical Industrial Procedures, University of the Chemical
Industry, Veszprem (Vegyipari Egyetem, Vegyipari Muveleti Tanszek)

TITLE: Chemical equilibrium, heat of reaction and reaction velocity in hydrogenation
processes

SOURCE: Magyar kemikusok lapja, no. 4, 1966, 196-200

TOPIC TAGS: hydrogenation, chemical equilibrium, heat of reaction

ABSTRACT: A few, arbitrarily selected examples are used to demonstrate the equilibrium conditions, as a function of temperature, of chemical processes which play a role in hydrogenation methods used in the crude oil industry. The heat of reaction values calculated for the same processes are reported and a comparison is made concerning the technical execution of various industrial processes on the basis of these values. Based on literature data, the rate values of some model reactions are presented and the theories of the fundamental steps, of hydrogenation reactions in the liquid phase, are discussed. Orig. art. has: 5 figures, 1 formula and 5 tables. [JPRS: 36,862]

SUB CODE: 07 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 005

LS
Card 1/1

0731-1328

HUNG.RY/Diseases of Farm Animals. Diseases Caused by Bacteria and R
Fungi

Abstr Jour : Ref Zhur - Biol., No 10, 1956, No 86242

Author : Hodosy Jozsef, Kadar Tibor

Inst : -

Title : Treating Typhoid Fever in Poultry with Terramycin

Orig Pub : Magyar állatorv. Lapja, 1957, 12, No 11, 345-346

Abstract : Chicks were experimentally infected with *Salmonella gallinarum* and then treated with terramycin, which was given to them with their drinking water in daily doses of 5 mg for 3 consecutive days. Within the experimental group, 4-18 percent of the chicks died, whereas 51-71 percent died in the control group. In all instances, *S. gallinarum* was isolated from organs and from the bone marrow of recovered chicks.
--- From the author's summary.

Card : 1/1

12

HODOUSEK, Vladimir, inz.

Operating tests of the ZPA magnetic voltage regulator.
Energetika Cz 12 no.3:120-123 Mr '62.

1. Organizace pro racionalizaci energetickych zavodu, n.p.,
Praha.

ХОЛУШИК, Владимир, инж.

Synchronous generator of the 60,000 MW turbogenerator. Energetika
Co 14 no.78361-336 31/62

1. Organization for Active Modernization of Power Engineering Plants,
National Enterprise, Energetika.

HODOVSKI, D.

Some proposals for a simplified design of cadastres and their modernization.
p. 193.

GEODETSKI LIST. (Drustvo geodeta Hrvatske)
Zagreb, Yugoslavia
Vol. 13, no. 7/9, July/Sept. 1959.

Monthly list of Eastern European Accession Index (EEAI) LC vol. 8, No. 11
November 1959
Uncl.

HODR, Jaroslav, MUDr; HERZMANN, Jiri, RNDr; JAHDS, Jiri

Intermedial glycide therapy in fetal hypoxia. Cesk.gyn. 19 no.6:

413 Nov 55.
1. UPMD, Praha-Podoli, Reditel prof. MUDr J.Trapl. nositel Radu
republiky.

(FETUS, diseases,
anoxia, ther., glucose)

(ANOXIA,
fetal, ther., glucose)
(GLUCOSE, therapeutic use,
anoxia in fetus)

HODR, Jaroslav

Active management of 3d stage of labor, Cesk. gyn. 23[37] no.6:
430-433 Aug 58.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel prof.
Dr. J. Trapl, nositel Radu Republiky, Praha-Podoli, nabr. E. Marxe 157.
(LABOR

3d stage, management (Cz))

BROTANEK, V.; HODR, J.; KAZDA, S.; STEMBERA, Z.K.

Role of the CNS during labor under the influence of morphine.
Effect of morphine on uterine activity, CNS activity and
Glycide metabolism. Cesk. gynek. 28 no.7:478-482 S '63.

1. Ustav pro peci o matku a dite v Praze, reditel doc. dr.
M. Vojta.

(MORPHINE) (CENTRAL NERVOUS SYSTEM)
(LABOR) (UTERUS) (CARBOHYDRATE METABOLISM)
(BLOOD SUGAR) (PYRUVATES) (LACTATES)
(ELECTROENCEPHALOGRAPHY)

HODR, J.: STEMBERA, K.

Effect of labor on lactic acid level. Cesk. gyn. 24[38] no.3:181-186
Mar 59.

1. UPMD Praha-Podoli, reditel prof. dr. J. Trapl. J.H., UPMD, nabr.
Marxe 157, Praha-Podoli.

(LACTIC ACID, in blood,
in labor (Cz))
(LABOR, blood in,
lactic acid (Cz))

STEMBERA, Z.K.; HODR, J.

Changes of glycemia in the umbilical vein following intravenous administration of glucose to mother. Cesk. gyn. 24[38] no.8:610-616 O '59.

1. Ustav pro peči o matku a dite, Praha-Podoli, reditel doc. dr. M. Vojta, zasl. lekar ČSR.
(BLOOD SUGAR) (UMBILICAL CORD blood supply)

HODR, J.; STEMBERA, Z.K.

Effect of birth on sugar metabolism in mother. Cesk. gyn. 24[38] no.8:
616-622 0 '59.

l. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. dr.
M. Vojta, zasl. lekar Car.
(BLOOD SUGAR)
(PUERPERIUM blood)

HODR. J.;STEMBERA, Z.K.

Carbohydrate metabolism during labour. Rev. Czech. M. 6 no.1:27-35
1960.

1. Institute for the Care of Mother and Child. Director: Dr. M. Vojta.
(BLOOD SUGAR) (LABOR, blood)

PASTOROVA, Jana; HODER, Josef

Problem of anesthesia in ambulatory and minor operations. Summary
and instructions for practice. Rozhl.chir.39 no.10:679-682 0'60.

(SURGERY MINOR anesth. & analgesia)

HODR, J.; STEMBERA, Z.K.

Effect of glucose on lactic acid level in physiologic and protracted labors. Cas. lek. cesk. 99 no.27:831-834 1 Jl '60.

1. Ustav pro peci o matku a dite Praha-Podoli, reditel doc. dr. M. Vojta.

(LABOR physiol.)
(DYSTOCIA physiol.)
(LACTIC ACID blood)
(GLUCOSE pharmacol.)

HODR, J.

Changes in the blood sugar and pyruvic acid blood level after the administration of glucose in protracted labour. Rev. Czech. med. 7 no.3:214-226 '61.

1. Institute for the Care of Mother and Child, Prague-Podoli. Director: Doc. M. Vojta, M. D.

(BLOOD SUGAR in pregn) (PYRUVATES blood)
(GLUCOSE pharmacol) (LABOR blood)

STEMBERA, Z. K.; HODR, J.

Effect of oxygen inhalation on the carbohydrate metabolism of parturient women during protracted labour. Rev. Czech. med. 7 no.3:227-237 '61.

1. Institute for the Care of Mother and Child, Prague-Podoli. Director: Doc. M. Vojta, M. D.

(CARBOHYDRATES metabolism) (OXYGEN pharmacol)
(LABOR physiol)

HODR, J., CSc.; STEMBERA, Z. K., CSc.

Glucide metabolism in the fetus. III. L/P index in the healthy and hypoxic fetus. Cesk. gynek. 27 no.1/2:18-21 Mr '62.

1. Ustav pro peci o matku a dite, Praha Podoli, red. doc. MUDr. M. Vojta, zasl. lekar.

(FETUS metab) (BLOOD SUGAR metab)
(LACTATES metab) (PYRUVATES metab)

HODR, J., CSc.; STEMBERA, Z. K., CSc.

Glucide metabolism of the fetus. I. The healthy fetus in physiological and prolonged labor. Cesk. gynek. 27 no.1/2:8-12 Mr '52.

1. Ustav pro paci o matku a dite, Praha-Podoli, reditel doc. MUDr. Miroslav Vojta, zaslouzil lekar.

(FETUS metab) (BLOOD SUGAR metab)
(LACTATES metab) (PYRUVATES metab)

STEMBERA, Z. K., CSc.; HODR, J., CSc.

Glucide metabolism in the fetus. II. Hypoxic fetus in physiological
and prolonged labor. Cesk. gynek. 27 no.1/2:13-17 Mr '62.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. MUDr.
M. Vojta, zaslouzilý lekar.

(BLOOD SUGAR metab) (ANOXIA) (FETUS metab)
(PYRUVATES metab) (LACTATES metab)

STEMBERA, Z. K., CSc.; HODR, J., CSc.

Glucide metabolism in the fetus. IV. The relation of glucide metabolism in the healthy and hypoxic fetus to glucide metabolism of the mother during labor. Cesk. gynek. 27 no.1/2:22-28 Mr '62.

1. Ustav pro peci o matku a dite, Praha-Podoli, red. doc. MUDr. M. Vojta, zasl. lekar.

(FETUS metab) (BLOOD SUGAR metab) (ANOXIA)
(LACTATES metab) (PYRUVATES metab)

STEMBERA, Z.K., CSc.; HODR, J., CSc.; SABATA, Vl., CSc.

Energy metabolism in labor and pain. *Cesk. gyn.* 27[41] no.5:338-342
Je '62.

1. Ustav pro peci o matku a dite, Praha - Podoli, reditel doc. dr.
M.Vojta.

(LABOR physiol) (PAIN physiol) (UTERUS metab)

HODR, J.; STEIBERA, Z.K.

On a contribution to active management of the 3d stage of labor.
Cesk. gyn. 28 no.1/2:17-24. F '63.

1. Ustav pro peci o matku a dite v Praze, reditel doc. dr. M. Vojta.
(LABOR) (HEMORRHAGE POSTPARTUM) (MATERNAL MORTALITY)

PADOVEC, J.; STEMBERA, Z.K.; HODR, J.; KOUTSKY, J.

Fatal hemorrhage during the course of labor. Cesk. gyn. 28 no.1/2:
25-31 F '63.

1. Gyn.-;or klin. lek fak. hyg. KU v Praze, prednosta doc. dr. J.Padovc
Ustav pro peci o matku a dite v Praze, reditel doc. dr. M. Vojta.
(LABOR) (UTERINE HEMORRHAGE) (UTERINE RUPTURE)
(PLACENTA PRAEVIA) (PLACENTA ACCRETA) (AFIBRINOGENEMIA)
(PREGNANCY COMPLICATIONS)

STEMBERA, Z.K.; HODR, J.; JANDA, J.

Fetoplacental circulation of the human fetus and newborn
infant. Cesk. gynek. 28 no.7:450-452 S '63.

1. Ustav pro peči o matku a dite v Praze, reditel doc. dr.
M. Vojta.

(MATERNAL-FETAL EXCHANGE) (UMBILICAL CORD)
(OXIMETRY) (BIRTH WEIGHT)

HODR, J.; STEMBERA, Z.K.; SABATA, V.; NOVAK, M.

Changes in energy metabolism during the course of labor.
Cesk. gynek. 28 no.7:482-485 S '63.

1. Ustav pro peci o matku a dite v Praze, reditel doc. dr.
M. Vojta.

(ENERGY METABOLISM) (LABOR) (BLOOD SUGAR)
(GLUCOSE) (INSULIN) (LIPID METABOLISM)
(LACTATES)

HODR, J.; STEMBERA, K.

Glycide metabolism in fetal asphyxia during pregnancy. Cesk. gynek. 29 no.1:110-115 F'64.

1. Ustav pro peci o matku a dite v Praze; reditel: doc.dr. M. Vojta.

HODR, J.

Carbohydrate metabolism of the mother and fetus. Cesk. fysiol.
14 no.3:189-204 My '65.

1. Ustav pro peci o matku a dite, Praha.

HODR, J.; STEMBERA, Z.K.; SABATA, V.

Use of glucose with insulin in the prevention and therapy of fetal anoxia. Česk. gynek. 29 no.6:4 503 Ag '64.

Energy metabolism of the hypoxic fetus as an indication of stress in different methods of completion of delivery.
Ibid.: 509-512

1. Ustav pro peči o matku a dítě v Praze, (reditel doc. dr. M. Vojta).

SABATA, V.; STEMBERA, Z.K.; HODR, J.

Lipid and carbohydrate metabolism in fetuses of diabetic mothers. Cesk. gynek. 30 no.9:688-691 N '65.

1. Ustav pro pedi a matku a dite v Praze (reditel doc. dr. J. Horsky, DrSc.).

L 16823-66

ACC NR: AP6008473

SOURCE CODE: CZ/0053/65/014/003/0189/0204

AUTHOR: Hodr, J.

ORG: Institute for the Care of Mother and Child, Prague (Ustav pro pediatriku a dite)

TITLE: Glycoside metabolism of the mother and the fetus

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 3, 1965, 189-204

TOPIC TAGS: ketone, biologic metabolism, biologic reproduction, man

ABSTRACT: The glycoside metabolism of the mother changes during pregnancy and after the birth; under certain conditions these changes may interfere with the supply of energy sources necessary for the evolution of the child. When the supply of the glycosides from the mother is interrupted, and the reserves in the fetus become exhausted, irreversible changes in the fetus may take place. Methods of improving the glycoside metabolism of the child in the first moments after birth are described. Possibilities of influencing the metabolism during pregnancy are discussed. Disturbances in the function of the placenta are described. Methods for investigating the metabolism of the fetus are dis-

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L 16823-66

ACC NR: AP6008473

cussed. [JPRS]

SUB CODE: 06 / SUBM DATE: 26Nov64 / ORIG REF: 027 / OTH REF: 172
SOV REF: 006

Card 2/2 7/10 S

DRABKOVA, J.; HODR, J.; SRP, B.; CERNY, J.

The choice of anesthesia for pregnant cardiac patients. Cesk. gynek. 30 no.9:668-671 N '65.

1. Anesteziologicke oddeleni Krajskeho ustavu narodniho zdravi Stredoceskeho kraje v Praze (vedouci MUDr. J. Hodr) a I. por. klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. K. Klaus, DrSc.).

CZECOSLOVAKIA

HODR, J., NOVAK, M., JANDA, J; Institute of Care for Mother and Child (Ustav pro Peči o Matku a Dítě), Prague.

"Changes in the Activity of Lactodenhydrogenase in Mother and Fetus During Childbirth."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 93

Abstract: 16 physiological births were investigated. Activity of LDH doubles during birth; the activity in the umbilical cord blood is higher than in the mother's blood. The activity in the mother's blood increases on the 3rd stage of the labor. There is a difference between the mother's two levels. 1 Figure, 2 western, 2 Czech references. Submitted 11-10-66
"10 Days of Research" at Kosice, 27 Sep 66.

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- 162 -

STEMBERA, Z.K.; HODR.J.

Effect of ergometrine on uteroplacental circulation. Cas. lit.,
cesk. 103 no. 21: 300-803 6.11.64

1. Ustav pro paci o matku a dite, Praha-Podoli; vedouci doc.
dr. M. Vojta.